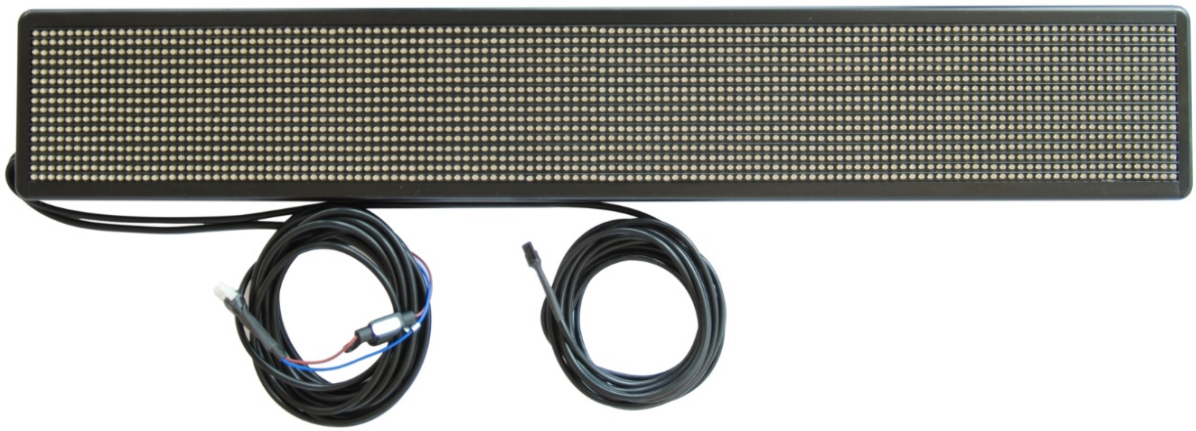
MEITRACK® LED DISPLAY



User Guide

Applicable Model： MVT600/T1/T3

Copyright © 2013 Meitrack Group All rights reserved.

Content

1. Copyright and Disclaimer 3
2. Applications 3
3. Product Features and Specifications 3
   3.1 Features 3
   3.2 Specifications 3
4. Main Device and Accessories 4
5. First Use 4
   5.1 Mounting Instructions 4
   5.2 Device Connection 5
6. Applicable Model 5
7. LED Display on MS02 5
   7.1 LED Display Function 5
   7.2 Platform Setting 6
      7.2.1 LED Display Function Menu 6
      7.2.2 LED System Command 7
      7.2.3 Add Advertisement 7
      7.2.4 Modify Advertising 9
      7.2.5 Delete Advertising 10
      7.2.6 Searching Advertising 10
      7.2.7 Normal & Urgent Message Setting 11
      7.2.8 Default Message Setting 12
      7.2.9 Alarm Message Setting 12

Copyright © 2013 Meitrack Group All rights reserved.

1. Copyright and Disclaimer

Copyright © 2013 MEITRACK. All rights reserve

MEITRACK and are trademarks that belong to Meitrack Group

The user manual may be changed without prior notification.

This user manual, or any part thereof, may not be reproduced for any purpose whatsoever without the written authorization of Meiligao (MEITRACK), or transmitted in any form, either electronically or mechanically, including photocopying and recording.

In no event shall Meiligao (MEITRACK) be liable for direct, indirect, special, incidental, or consequential damages (including but not limited to economic loss, personal injury, and loss of asset and property) arising out of the use or inability or illegality to use the product or documentation.

2. Applications

- Vehicle Advertising
- Emergency Announcement

3. Product Features and Specifications

3.1 Features

- Display advertisement
- Display alarm message
- Display instant message
- Display time

3.2 Specifications

Item	Description
Display Color	Yellow
LED Diameter	ф3.75
Single Lamp Brightness	Average 800 mcd
Light Wafer Size	9mil
Refresh Rate	160HZ
Dot Pitch	6mm
Module Points	128*16
Display Size	768*96mm
Dimension	792*120.6*33.5mm
Resolution	2048 Dpi
Weight	2.2KG
Life	>100,000 Hours
Average Non Failure Time	50000 Hours（MTBF）
Operating Voltage	DC9-36V
Operating Temperature	-25℃ ~+50℃
Average Power Consumption	<15W (Under Normal Condition)

Copyright © 2013 Meitrack Group All rights reserved.

4. Main Device and Accessories

- One LED Display
- Power Cable
- 4P to 8P conversion Cable (Only for T1)

5. First Use

5.1 Mounting Instructions

1. 4 brackets required as below. Separated with 2 lower brackets, and 1 left bracket and 1 right bracket.

Upper Left & Right Brackets

Lower Bracket

2. Mount the upper and lower brackets with hex bolt M5*12, and screw the bolt with washers.

3. Fasten 4 hex bolts M5*12 into the back of the LED display, mount and tighten up the left and right brackets with washers.

Note: Please pay attention to the direction of the LED display while mounting, the lower bracket should be positioned below the LED Display, or the text will be displayed on the opposite side.

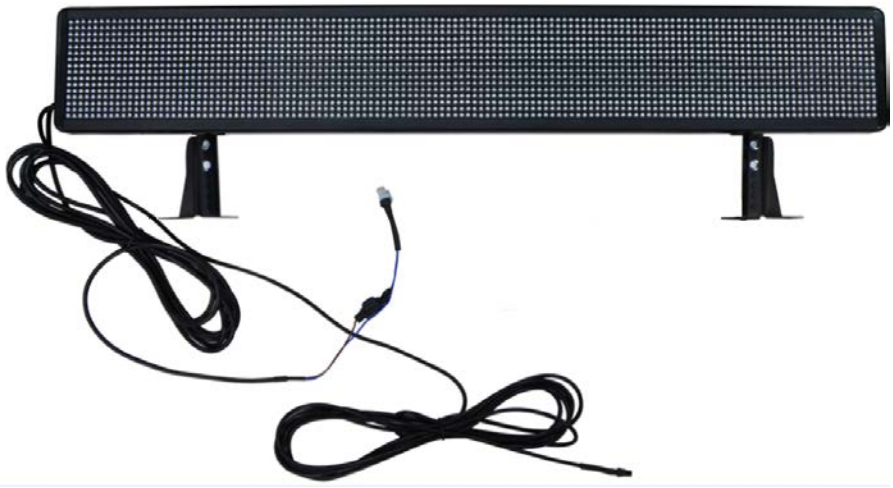
Copyright © 2013 Meitrack Group All rights reserved.

To determine the upper & lower direction of LED Display:

Method I: turn ON the LED Display to check the direction by viewing the text.

Method II: Check the appearance of the LED Display, the side with the sun shade should be on the top.

4. Mount the LED Display to the back of the vehicle and fasten the brackets.



5.2 Device Connection

MVT600: Camera2 (Default) interface

T1: Handset/RFID (Default) interface

6. Applicable Model

- MVT600_FW6.11D_20121221 and above
- T1_FW1.21D_20121221 and above

7. LED Display on MS02

7.1 LED Display Function

First Level Menu	Second Level Menu	Description
LED System Command	Get Time	Get the time of LED display
	Set Time	Set the time of LED display
	Set Brightness	Set the brightness of LED display
	Get Brightness	Get the brightness of LED display
	Search Working Status	Search the working status of the LED display
	Timer Switch	Timing turn ON/OFF the LED display
	LED Screen Switch	Turn ON/OFF and reset LED screen display

Copyright © 2013 Meitrack Group All rights reserved.

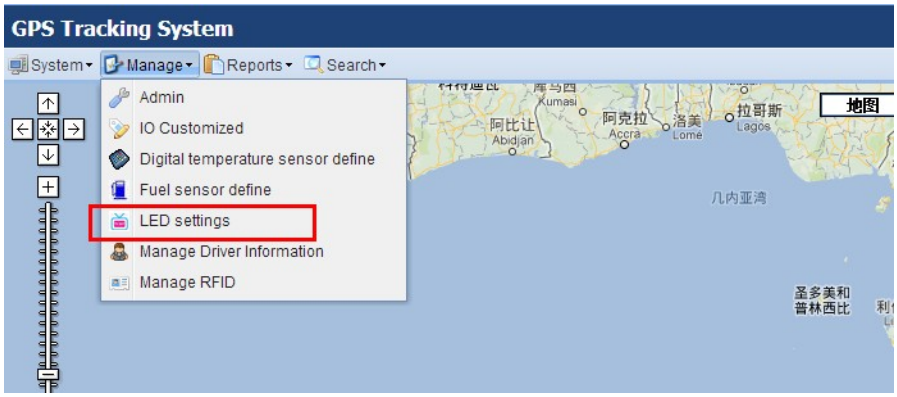
LED Advertisement Settings	Advertising Command	Delete/Search the numbers/read
	Search, Add, Modify, Delete	Search, add, modify and delete the advertisement
Instant Message	Normal Message	Instant message will be displayed after advertising
	Urgent Message	Stop advertising temporarily and display instant message
Default Message	Default Message	Display default message when no advertisement
	System Time	Display system time when no advertisement
Alarm Message	Display Alarm Message	Display alarm message(16 characters, flicker by every 0.5 second)

Note: it can display up to 256 advertisements. 256 English characters per advertisement.

7.2 Platform Setting

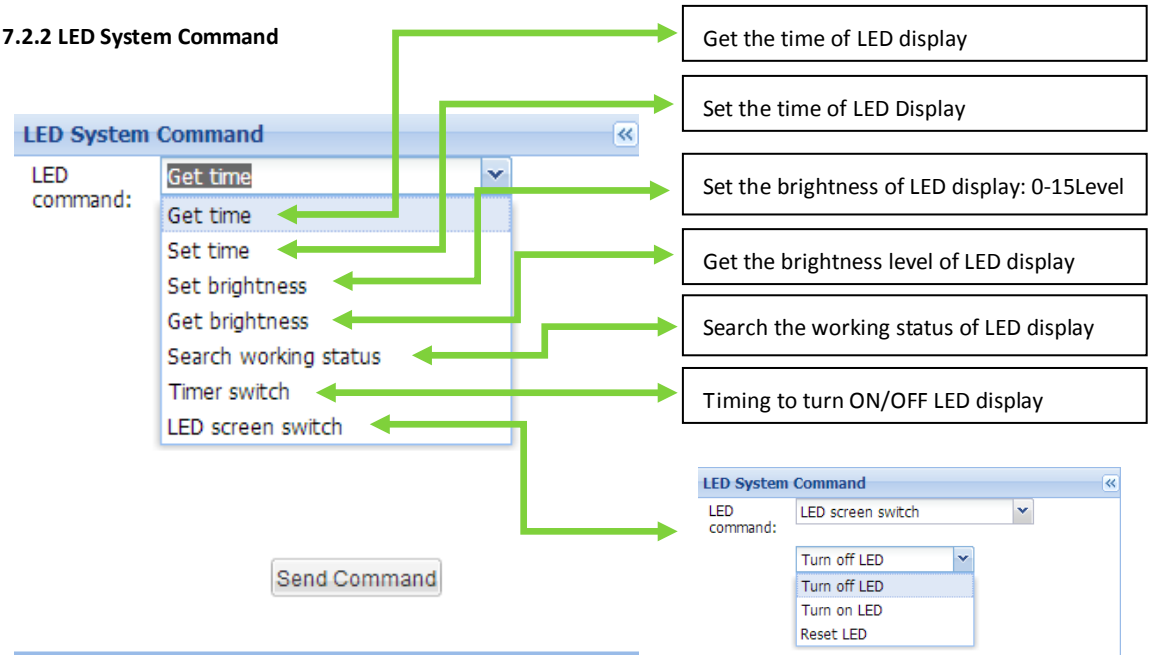
7.2.1 LED Display Function Menu

Login MS02 and click Manage -LED Settings (See below):



Copyright © 2013 Meitrack Group All rights reserved.

7.2.2 LED System Command

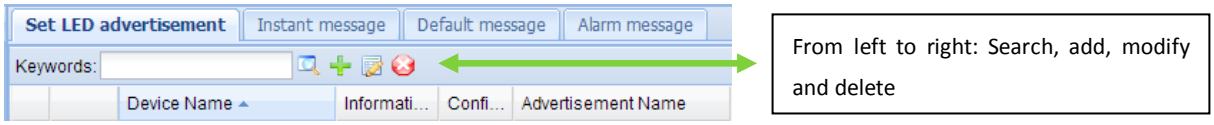


Note:

Reset LED: Restart LED display (example: LED display is playing the fourth advertisement, select and send command "Reset LED" , it will be re-started from the first advertisement)

7.2.3 Add Advertisement

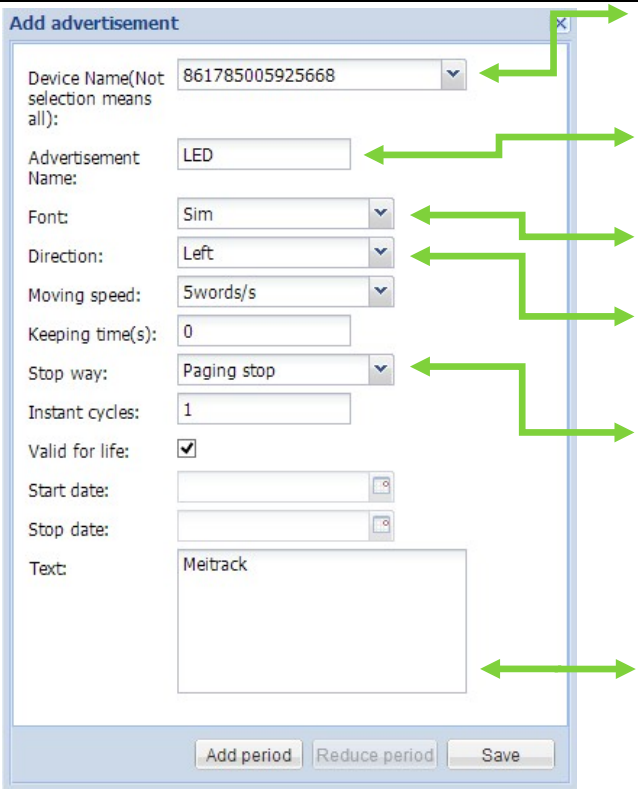
1. Select Set LED Advertisement (as below)



2. Click , it will pop-up Add advertisement, set parameters of the advertisement and save. The advertisement will be played on the LED display.

Click , and "Add advertisement" menu will pops up, then set the parameters of the advertisement and save it, and the advertisement will be display on the LED Display.

Copyright © 2013 Meitrack Group All rights reserved.



Select a device, or it will be default to select all devices.

Name the advertisement to distinguish different advertisements.

Font: Sim and Bold

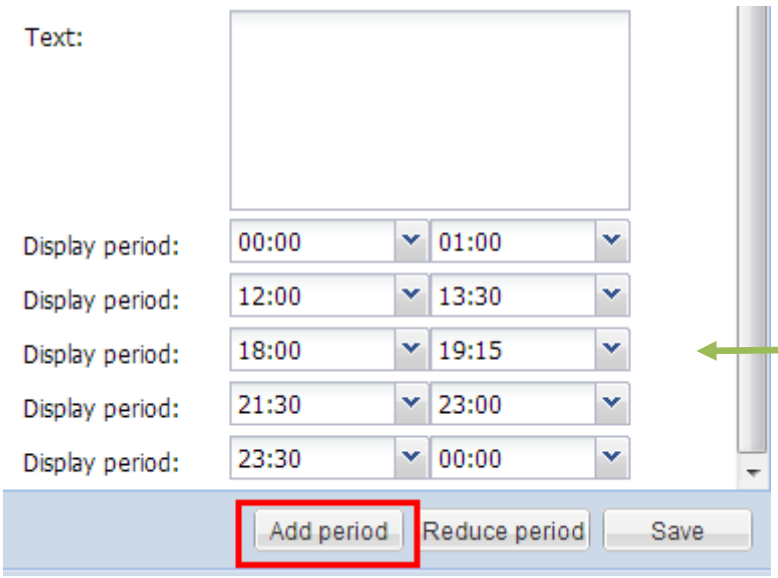
Direction of the text: Left, Up, Down, Keep

Stop Way: Paging Stop and Tail Stop.
Paging Stop: when the text is beyond 8 Chinese Characters or 16 Characters, each page will be stopped by the Keeping Time(s);
Tail Stop: Only the last page is stopped.

128 Chinese Characters or 256 characters per advertisement

Note:

1. Valid for life: if selected, the LED display will play advertisements all the time and without any time limit. If this option is not selected, then the duration option is available to configure the Start Date and the Stop Date.
2. Instant Cycles: number of times the text will be displayed automatically.
3. Add Period: manually configure display schedule up to 24 periods. Instant Cycle and Add Period feature can't be used at the same time.

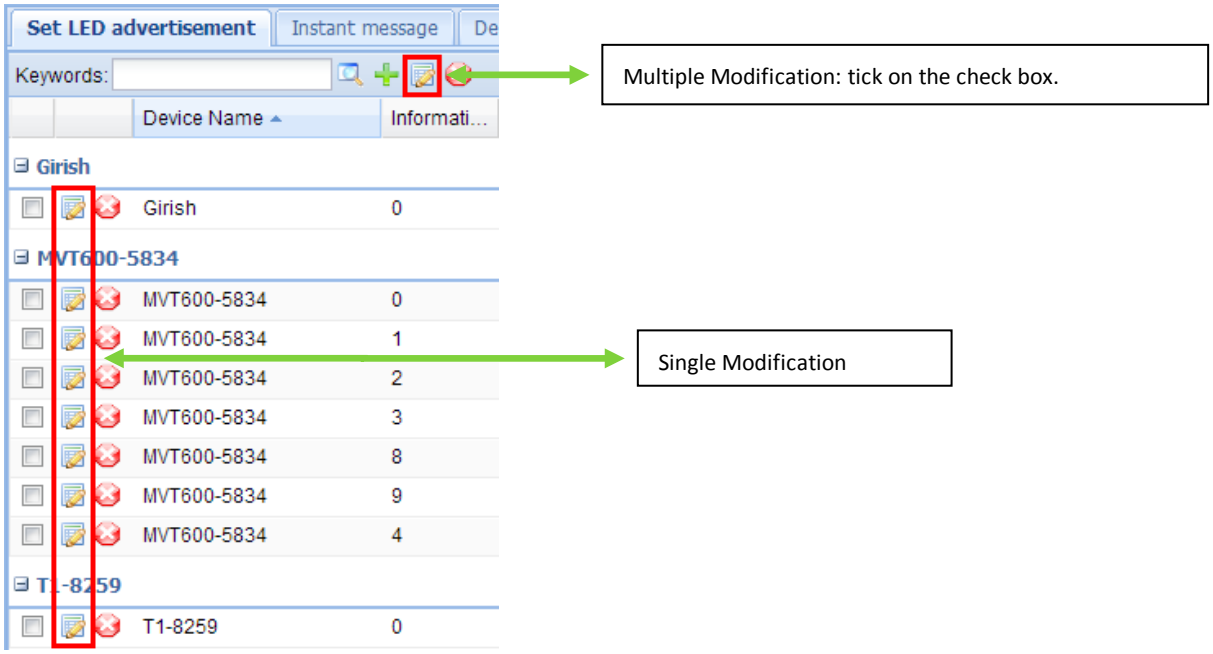


The advertisement will be played according to the Display Period after setting.

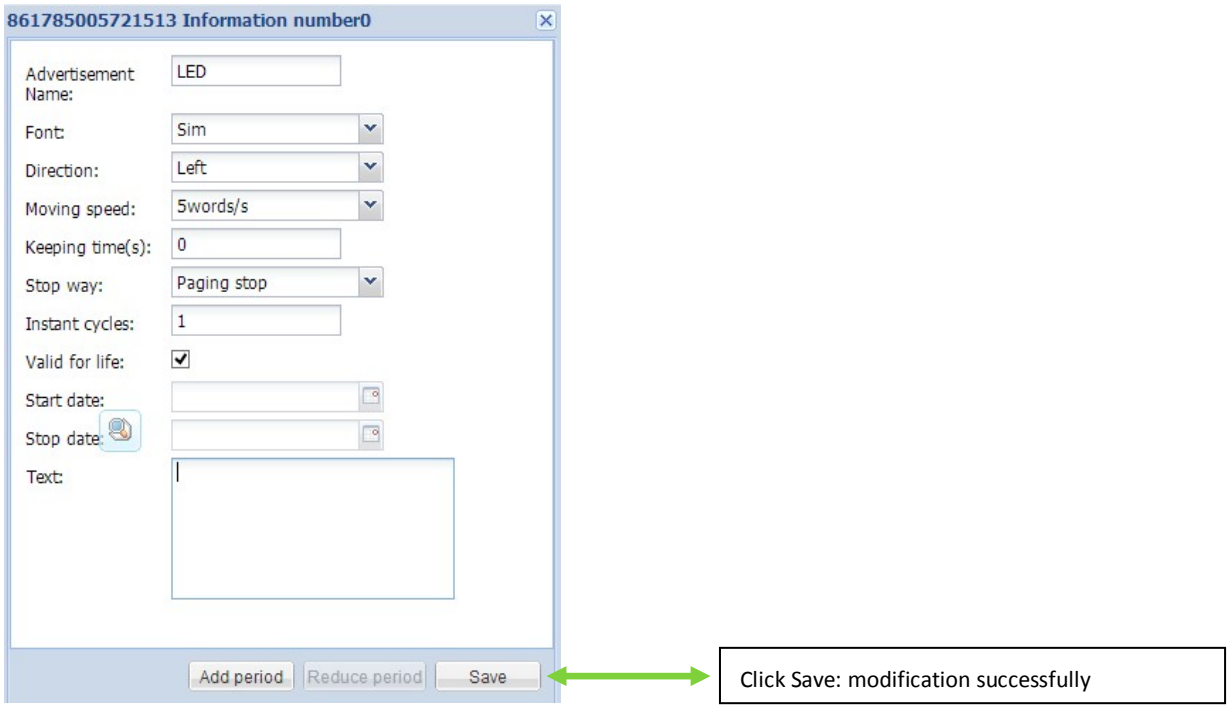
Copyright © 2013 Meitrack Group All rights reserved.

7.2.4 Modify Advertising

Modify advertising: multiple modification and single modification



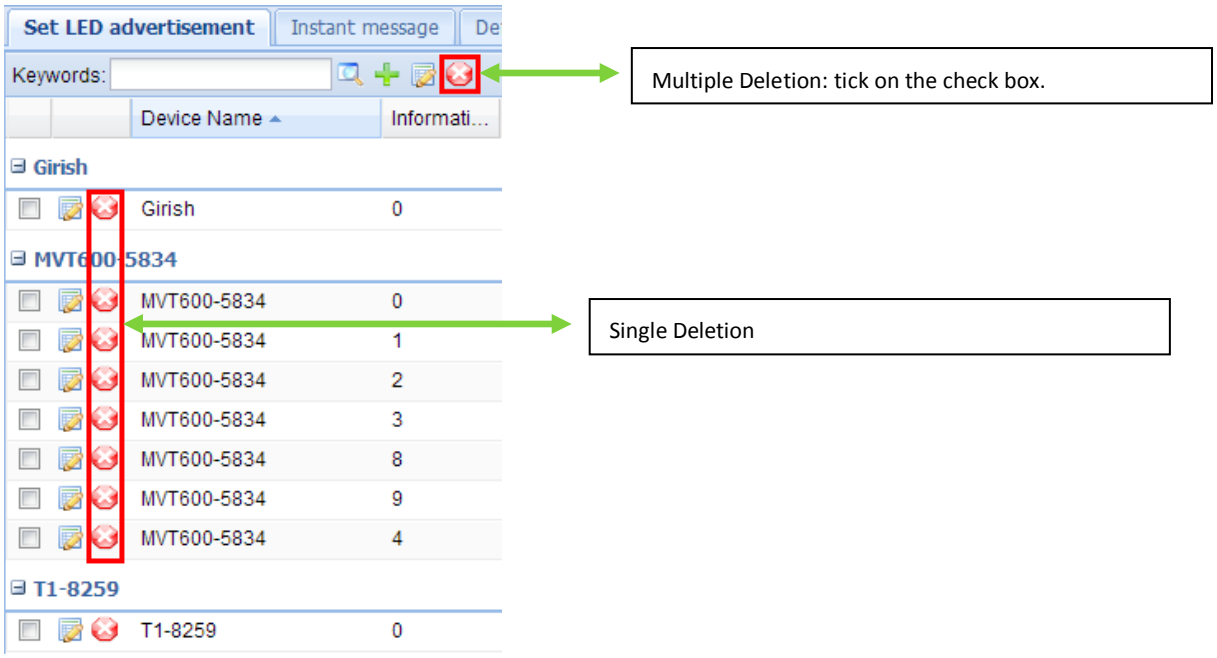
Click , it will pop up the window as below, to modify the parameters.



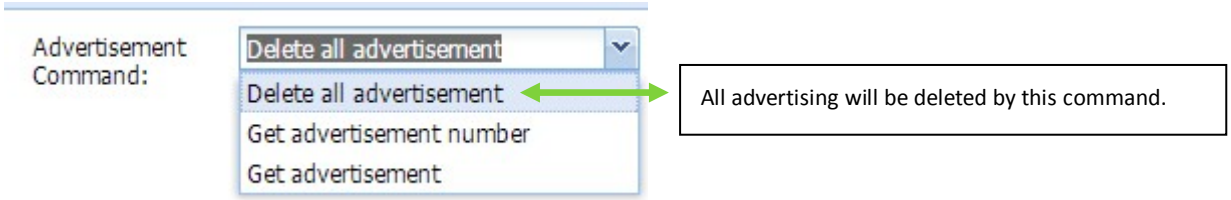
Copyright © 2013 Meitrack Group All rights reserved.

7.2.5 Delete Advertising

Delete Advertising: multiple deletion and single deletion.



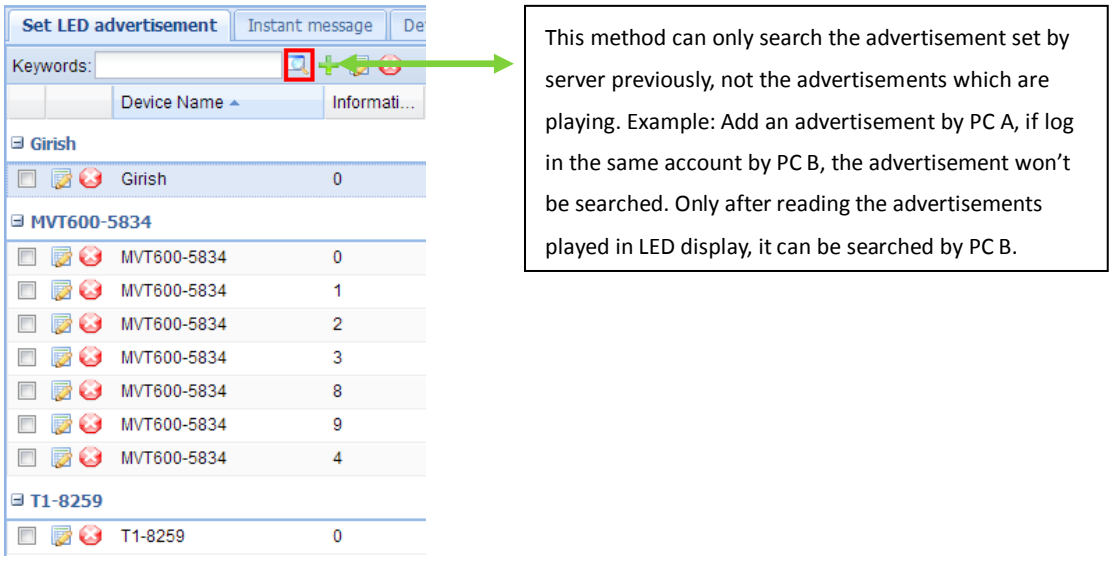
Or send command to delete all advertising.



7.2.6 Searching Advertising

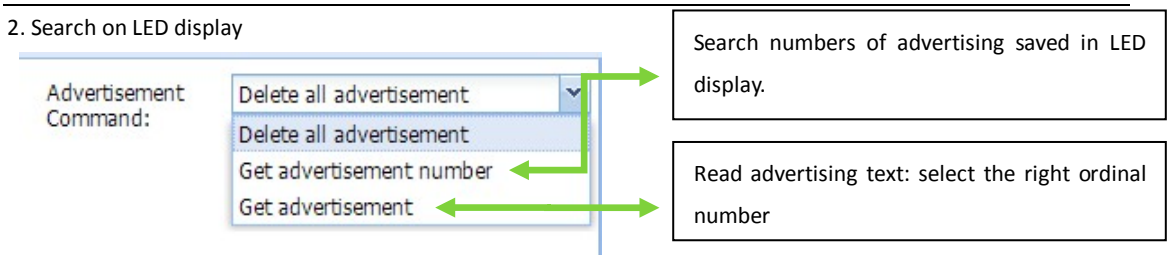
Searching advertising: searching on GPS tracking system and LED display.

1. Search on GPS tracking system:


Set LED advertisement
Instant message
Keywords:
Device Name
Informati...
Girish
Girish 0
MVT600-5834
MVT600-5834 0
MVT600-5834 1
MVT600-5834 2
MVT600-5834 3
MVT600-5834 8
MVT600-5834 9
MVT600-5834 4
T1-8259
T1-8259 0
This method can only search the advertisement set by server previously, not the advertisements which are playing. Example: Add an advertisement by PC A, if log in the same account by PC B, the advertisement won't be searched. Only after reading the advertisements played in LED display, it can be searched by PC B.

Copyright © 2013 Meitrack Group All rights reserved.

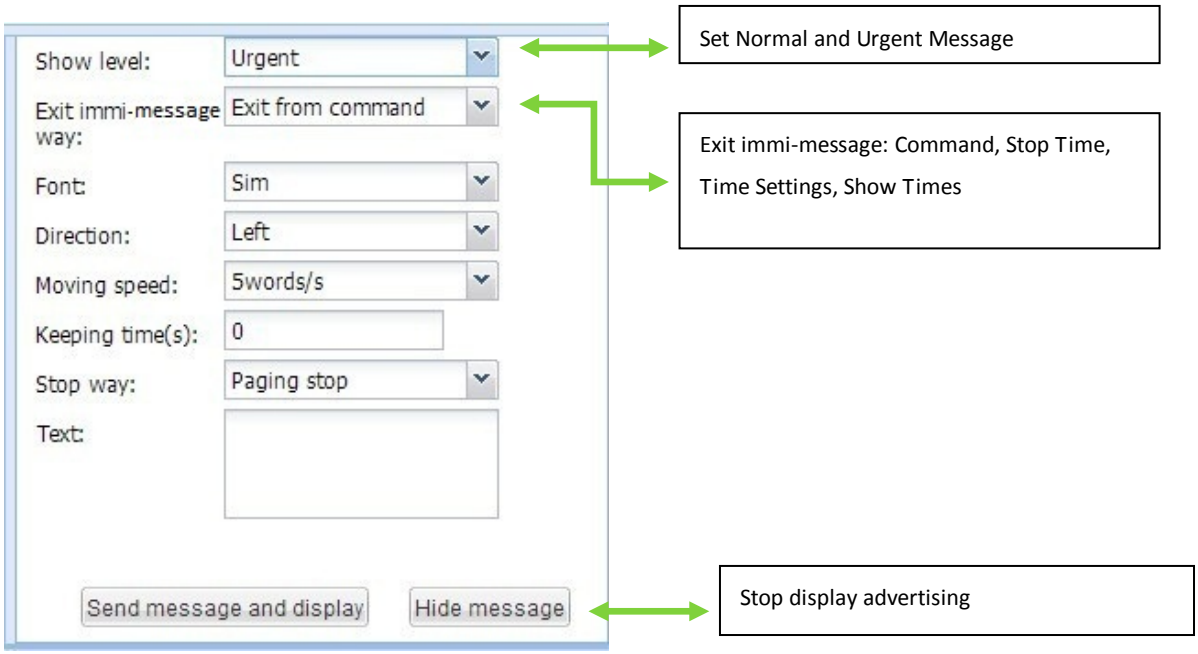
2. Search on LED display


Advertisement Command:
Delete all advertisement
Delete all advertisement
Get advertisement number
Get advertisement
Search numbers of advertising saved in LED display.
Read advertising text: select the right ordinal number

Note: Ordinal number is the ranking of the advertising, ordinal number 0 is for the FIRST advertising 1, ordinal number 255 is for the LAST advertising 256.

7.2.7 Normal & Urgent Message Setting

Click Instant Message, the window pop up as follows:



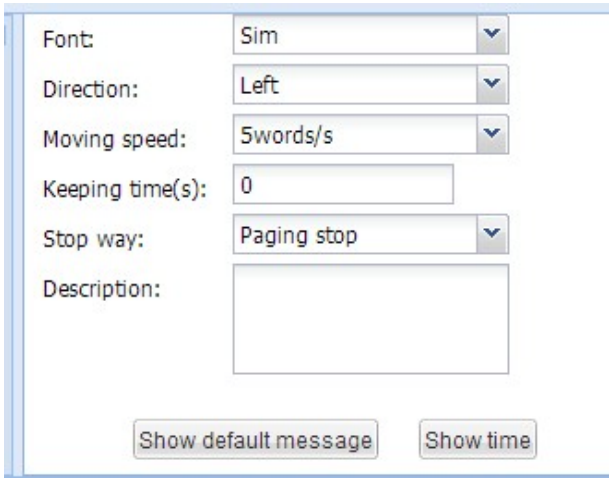
Note: Normal and urgent message can't be set at the same time. Instant message can be set only once by one Show Level (Normal or Urgent). If modification needed, please click Hide Message first to reset.

Copyright © 2013 Meitrack Group All rights reserved.

7.2.8 Default Message Setting

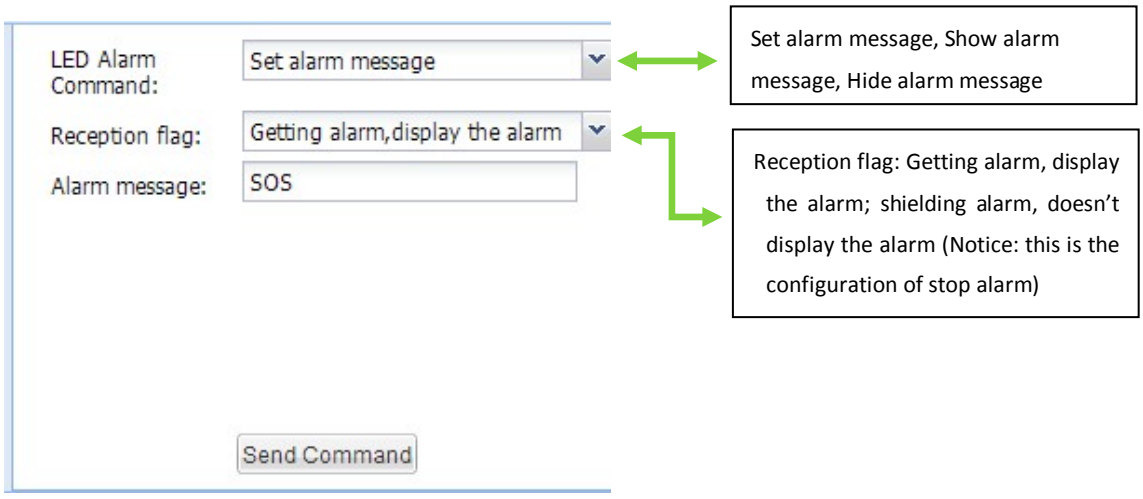
Click Default Message, the window pop up as follows:

The default display is the system time when there is no advertising.



System Time Display

7.2.9 Alarm Message Setting


LED Alarm Command:
Set alarm message
Reception flag:
Getting alarm,display the alarm
Alarm message:
SOS
Send Command
Set alarm message, Show alarm message, Hide alarm message
Reception flag: Getting alarm, display the alarm; shielding alarm, doesn't display the alarm (Notice: this is the configuration of stop alarm)

Notice:

1. First enter the message in Alarm Message, then select Show Alarm message in order to display it on the LED.
2. Alarm Message and Instant Message can't be set at the same time. If the instant message has been set, please stop it to display the alarm message.

Please do not hesitate to email us at info@meitrack.com if you have any questions.

Copyright © 2013 Meitrack Group All rights reserved.